



PATENT  
Customer No. 22,852  
Attorney Docket No. 8350.1314-00000

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	)	
	)	
Scott A. Lehman et al.	)	Group Art Unit: 3748
	)	
Application No.: 10/067,050	)	Examiner: Jaime W. Corrigan
	)	
Filed: February 4, 2002	)	
	)	
For: ENGINE VALVE ACTUATOR	)	Confirmation No.: 4929
PROVIDING MILLER CYCLE	)	
BENEFITS	)	

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)(4)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b)(4), Applicants bring to the attention of the Examiner the documents on the attached listing. This Information Disclosure Statement is being filed along with a Request for Continued Examination in the above-referenced application.

Copies of the listed foreign patent documents and non-patent literature documents are attached.

Also enclosed are copies of English language abstracts for each of the three listed Japanese patent documents.

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the U.S. Patent and Trademark Office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.


If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

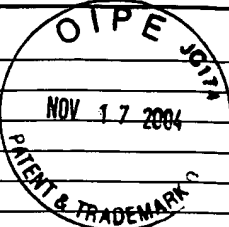
Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: November 17, 2004

By: \_\_\_\_\_

  
Anthony M. Gutowski  
Reg. No. 38,742

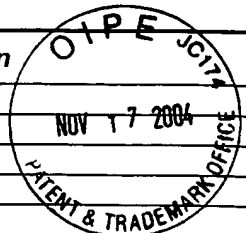
IDS Form PTO/SB/08: Substitute for form 1449A/PTO			<b>Complete if Known</b> 		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>			Application Number	10/067,050	
			Filing Date	February 4, 2002	
			First Named Inventor	Scott A. Lehman	
			Art Unit	3748	
			Examiner Name	Jaime W. Corrigan	
Sheet	1	of	2	Attorney Docket Number	8350.1314-00000

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No. <sup>1</sup>	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-3,250,068	05/10/1966	Vulliamy	
		US-4,561,253	12/31/1985	Curtis	
		US-4,815,423	03/28/1989	Holmer	
		US-5,408,979	04/25/1995	Backlund et al.	
		US-5,445,128	08/29/1995	Letang et al.	
		US-5,927,075	07/27/1999	Khair	
		US-6,026,786	02/22/2000	Groff et al.	
		US-6,170,441	01/09/2001	Haldeman et al.	
		US-6,209,516	04/03/2001	Yamashita	
		US-6,267,107	07/31/2001	Ward	
		US-6,273,076	08/14/2001	Beck et al.	
		US-6,279,550	08/28/2001	Bryant	
		US-6,301,887	10/16/2001	Gorel et al.	
		US-6,301,889	10/16/2001	Gladden et al.	
		US-6,302,076	10/16/2001	Bredy	
		US-6,467,452	10/22/2002	Duffy et al.	
		US-6,571,765	06/03/2003	Kuboshima et al.	
		US-6,651,618	11/25/2003	Coleman et al.	
		US-6,688,280	02/10/2004	Weber et al.	

**Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004**

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		JP - 05106415 A2	04/27/1993			ABSTRACT
		JP - 2000145484 A	05/26/2000			ABSTRACT
		JP - 2000120457 A	04/25/2000			ABSTRACT
		WO 98/02653 PCT	01/22/98	Bryant		

IDS Form PTO/SB/08: Substitute for form 1449A/PTO		<b>Complete if Known</b>	
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		Attorney Docket Number	8350.1314-00000
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation <sup>6</sup>
		EDWARDS et al., "The Potential of a Combined Miller Cycle and Internal EGR Engine for Future Heavy Duty Truck Applications," SAE International, International Congress and Exposition, February 23-26, 1998, pages 1-19	
		OBERT, "Internal Combustion Engines and Air Pollution," Based on Internal Combustion Engines, Third Edition, 1973, pages 612-614	
		CHALLENGE et al., "Diesel Engine Reference Book, Second Edition," SAE International, 1999, pages 75, 81, 84, 146, and 263-305	
		Yorihiro Fukuzawa et al., "Development of High Efficiency Miller Cycle Gas Engine", Mitsubishi Heavy Industries, Ltd., Technical Review, vol. 38, No. 3, Oct. 2001, pp. 146-150	
		Request for <i>Inter Partes</i> Reexamination Transmittal Form for US Patent 6,688,280, and Attachment to Request for <i>Inter Partes</i> Reexamination Transmittal Form, September 17, 2004	
		Request for <i>Inter Partes</i> Reexamination Transmittal Form for US Patent 6,651,618, and Attachment to Request for <i>Inter Partes</i> Reexamination Form, August 27, 2004	
		<a href="http://www.mazda.com.au/corpora/209.html">http://www.mazda.com.au/corpora/209.html</a> , Oct. 16, 2001, pg. 1-6.	

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.